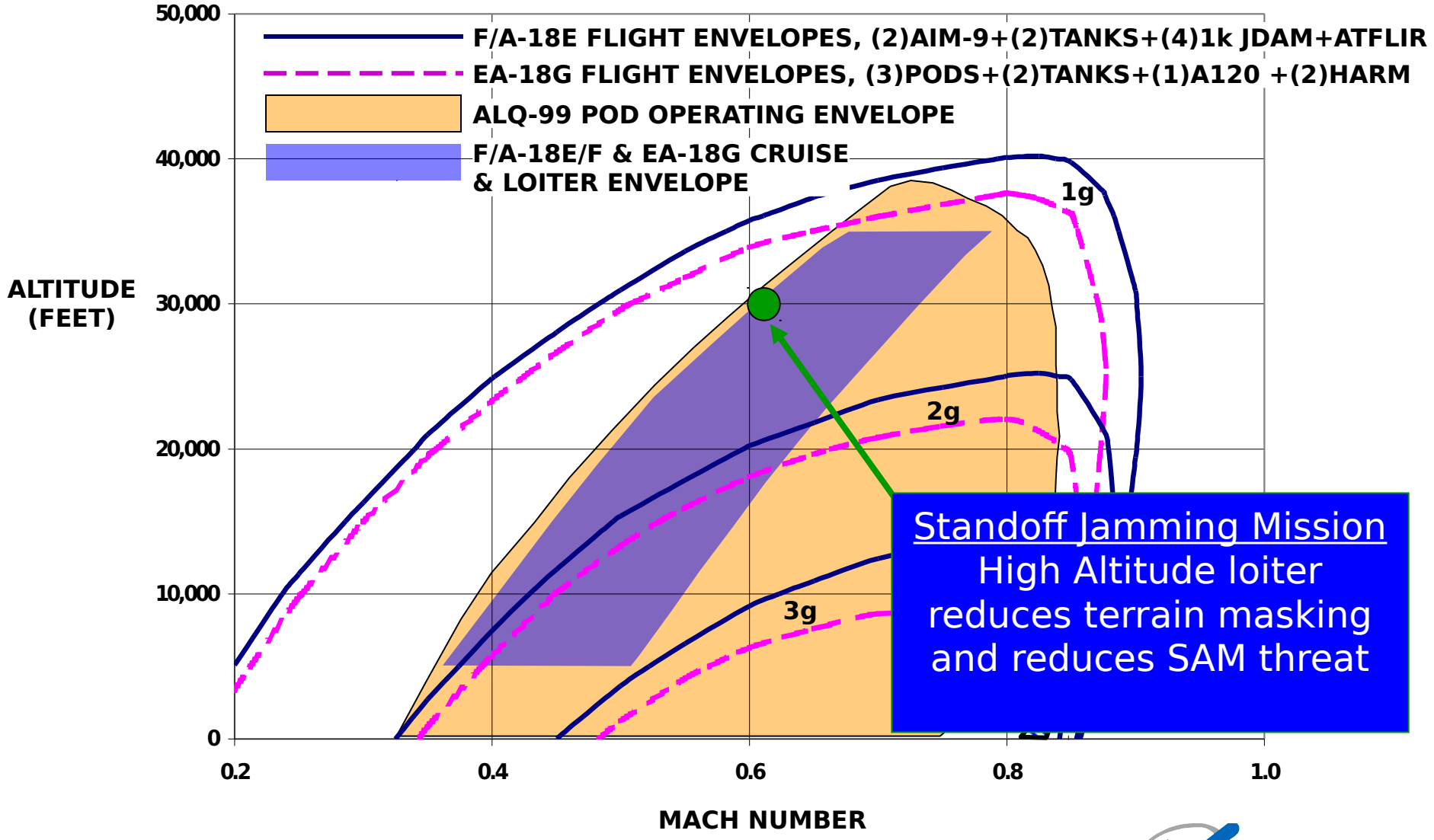
The slides in this presentation contain proposed flight condition data for the EA-18G. Actual capabilities and requirements are not yet known or specified.

SUSTAINED G FLIGHT ENVELOPES
MILITARY POWER



SUSTAINED G FLIGHT ENVELOPES
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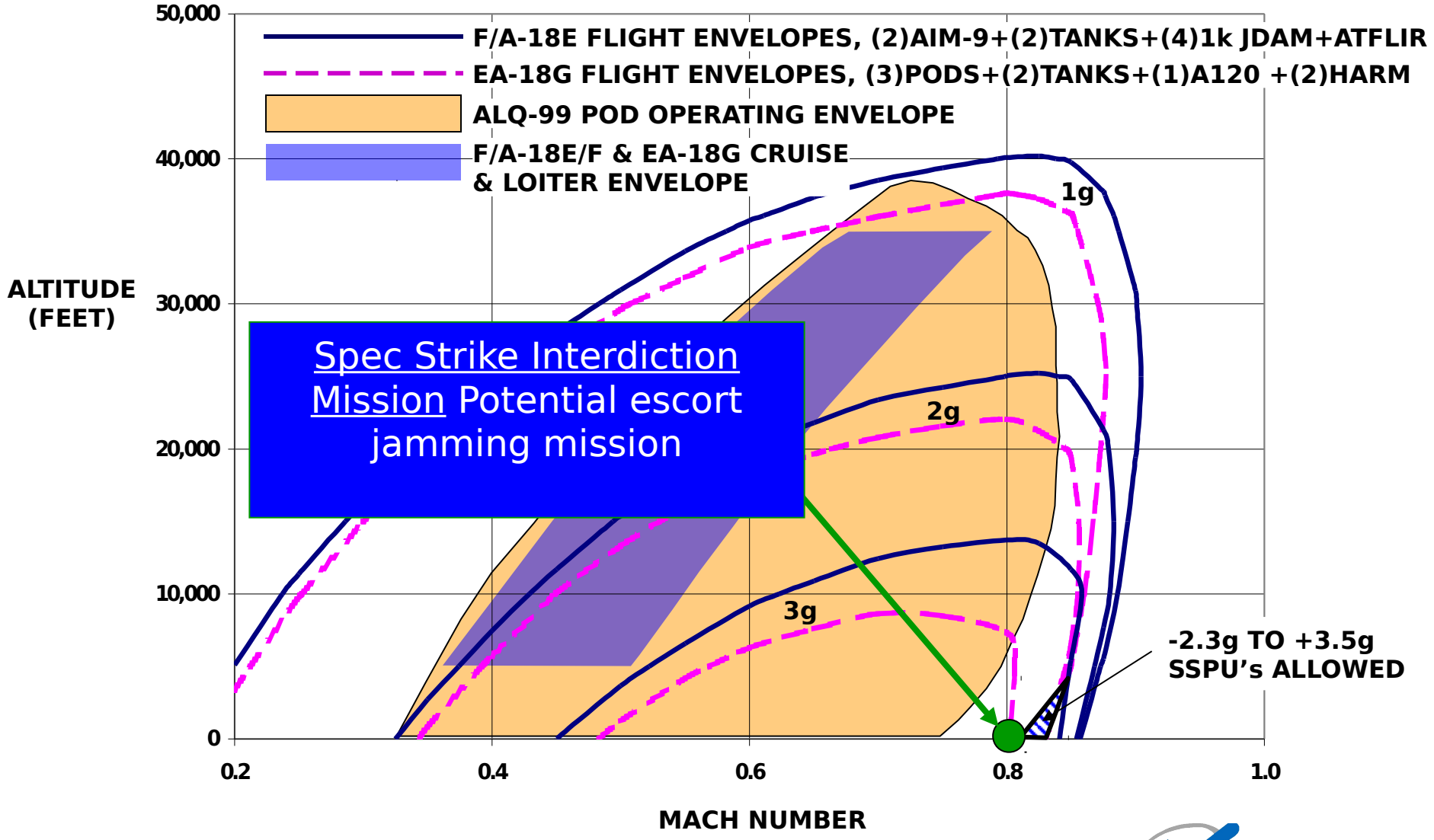


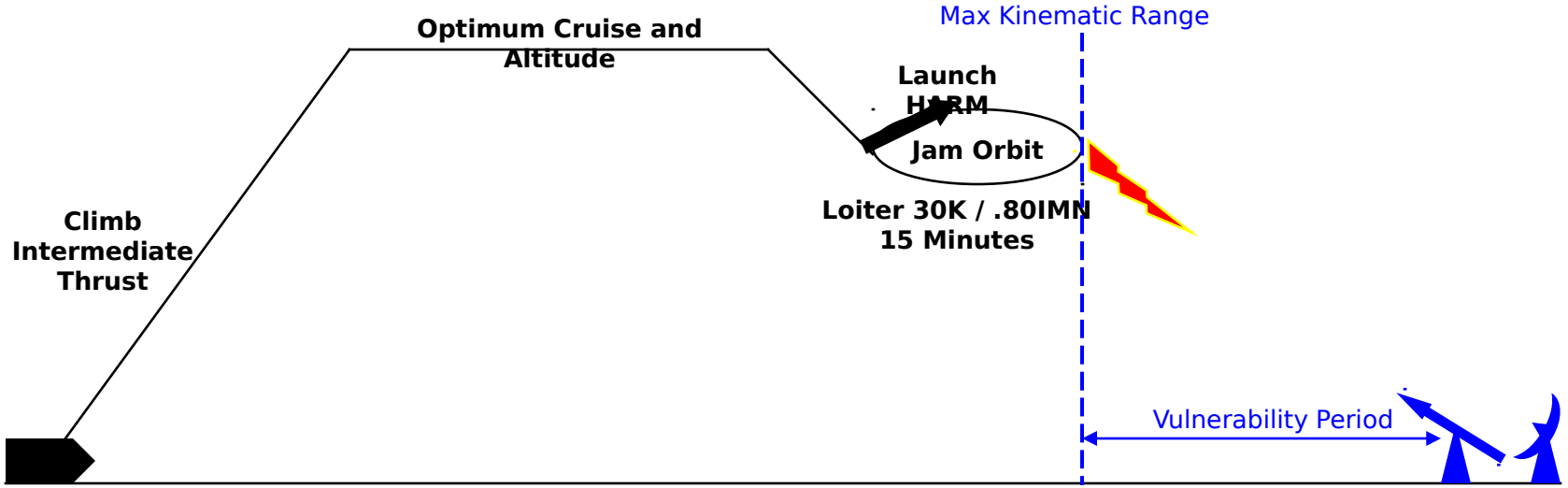
EA-18G Standard Mission Configuration and Profile

Empty Weight:
32,755

Total Usable Load:
29,404

Takeoff Gross:
62,159

Standard Configuration
2 High Band ALQ-99
1 Low Band ALQ-99
1 HARM
1 AIM-120C
2 480 Tanks
(USQ-113 Pod)



Start/IDLE 20 Minutes

30 secs IRT (MRT for GW >63K)

Standard Configuration/Profile Expected Performance

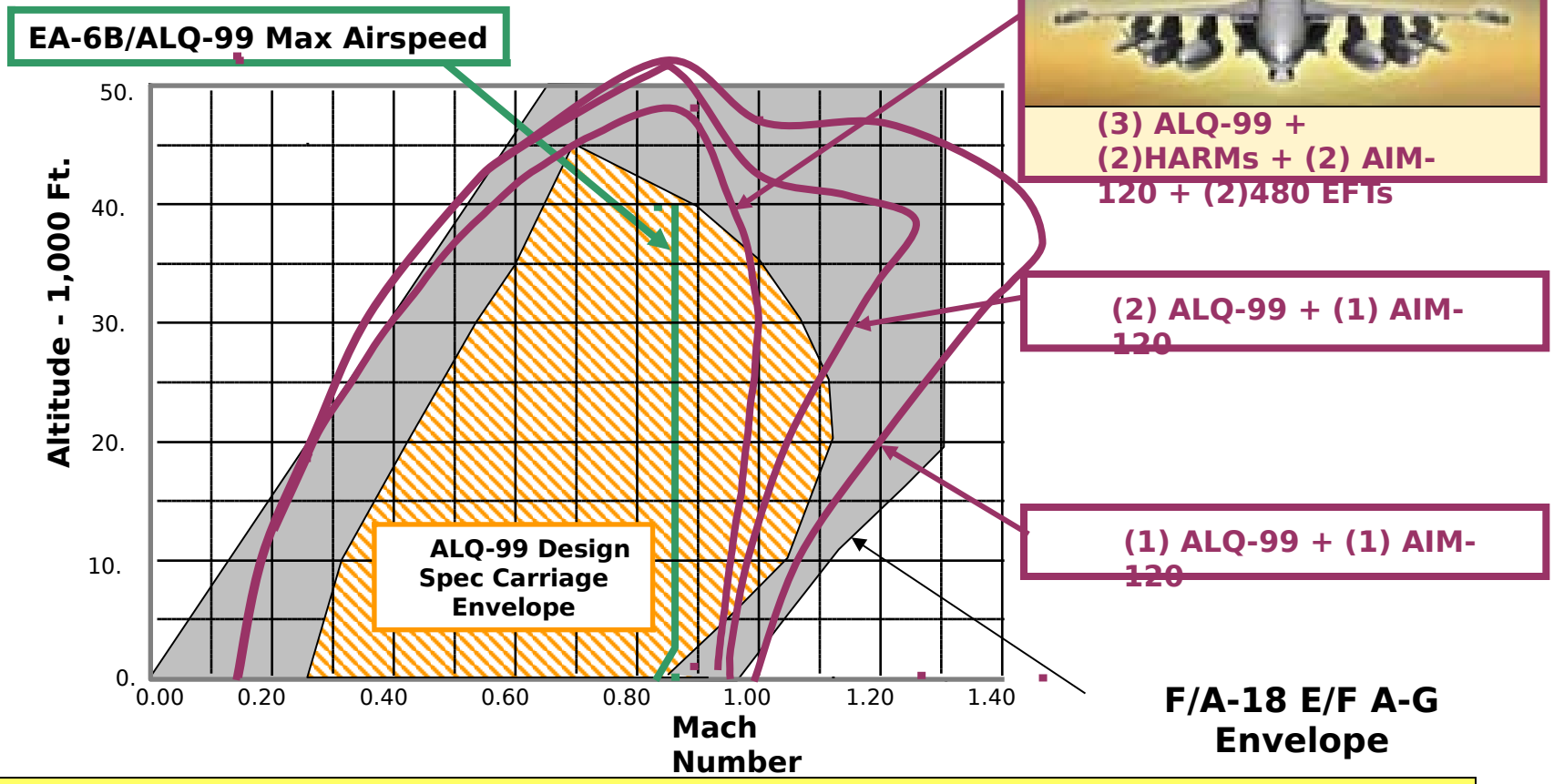
(2)High-Band ALQ-99 Pod + (1)Low-Band ALQ-99 Pod + (2)480-Gallon Tanks + (1)HARM + (1)AIM-120 + USQ-113 Pod

Loiter Conditions			Mission Radius ①	Turn Performance②							
				Intermediate Thrust				Maximum Thrust			
				Sustained		Instantaneous		Sustained		Instantaneous	
Description	Altitude (feet)	Speed (Mach Number)	(NM)	Load Factor (g)	Turn Rate (deg/sec)	Load Factor (g)	Turn Rate (deg/sec)	Load Factor (g)	Turn Rate (deg/sec)	Load Factor (g)	Turn Rate (deg/sec)
Max. Endurance Altitude & Speed	26,000	0.58	440	1.5	3.3	3.2	9.4	1.9	5.0	3.2	9.7
Max. Endurance Altitude, Corner Speed	26,000	0.79	422	1.8	3.5	5.3	12.2	2.6	5.5	5.4	12.4
Max. Endurance Altitude, 0.80M	26,000	0.80	419	1.8	3.5	5.4	12.1	2.6	5.5	5.5	12.3
30,000 ft., Max. Endurance Speed	30,000	0.62	441	1.3	2.4	3.0	8.4	1.7	4.1	3.0	8.6
30,000 ft., 0.80M	30,000	0.80	429	1.5	2.6	4.6	10.4	2.2	4.5	4.7	10.6
30,000 ft., Corner Speed	30,000	0.86	408	1.3	1.8	5.2	11.0	2.2	4.2	5.3	11.2

1. 15 minute loiter.
2. At 52,000 lb (~start of loiter)

EA-18G Performance with ALQ-99 Pods

(60% Fuel, 1g, Std Day,



EA-18G envelope currently undefined but will balance inherent air vehicle performance, airframe capability, ALQ-99 pod capability, and mission goals.